

What Is Claimed Is:

1. A method for producing a moment on a vessel comprising the steps of:  
rotating a rudder member around a first and a second axis to produce said moment.
2. The method recited in Claim 1 wherein said first axis is substantially parallel to a keel of  
5 said vessel.
3. The method recited in Claim 1 wherein said second axis is substantially perpendicular to  
said first axis.
4. An apparatus for steering a vessel comprising:  
a rudder member, said member operatively arranged to be rotated around a first and a  
10 second axis.
5. The apparatus recited in Claim 4, wherein said first axis is substantially parallel to a keel  
of said vessel.
6. The apparatus recited in Claim 4, wherein said second axis is substantially perpendicular  
to said first axis.
- 15 7. The apparatus recited in Claim 4 further comprising a linear actuator operatively arranged  
to rotate said member around one of said first axis and said second axis.
8. The apparatus recited in Claim 4 further comprising a rotary actuator operatively arranged  
to rotate said member around one of said first axis and said second axis.
9. The apparatus recited in Claim 4 further comprising an electrical motor operatively  
20 arranged to rotate said member around one of said first axis and said second axis.
10. The apparatus recited in Claim 4 further comprising a stepper motor operatively arranged  
to rotate said member around one of said first axis and said second axis.

11. A vessel comprising:

a hull having a keel;

a rudder member rotatably fixed to said hull, said member operatively arranged to be rotated around a first and a second axis.

5 12. The vessel recited in Claim 11, wherein said first axis is substantially parallel to said keel of said vessel.

13. The vessel recited in Claim 11, wherein said second axis is substantially perpendicular to said first axis.

14. The vessel recited in Claim 11 further comprising a linear actuator operatively arranged  
10 to rotate said member around one of said first axis and said second axis.

15. The vessel recited in Claim 11 further comprising a rotary actuator operatively arranged to rotate said member around one of said first axis and said second axis.

16. The vessel recited in Claim 11 further comprising an electrical motor operatively arranged to rotate said member around one of said first axis and said second axis.

15 17. The vessel recited in Claim 11 further comprising a stepper motor operatively arranged to rotate said member around one of said first axis and said second axis.

18. A vessel comprising:

a hull having a keel;

a rudder member rotatably fixed to an appendage fixed to said hull, said member  
20 operatively arranged to be rotated around a first and a second axis.

19. The vessel recited in Claim 18 wherein said appendage is a crossfoil.